

MINIATURE ULTRASONIC FOOTSWITCH GENERATOR FOR DENTAL SCALING AND METHOD

Abstract of Disclosure

The present invention relates to a footswitch which contains all operating elements of an ultrasonic dental scaling system. The footswitch incorporates the circuitry for controlling the frequency of the dental scaling tip and can also provide water and light which is fed to a remote head located either on the dentist or hygienist or on the dental chair adjacent the patient, thereby eliminating the need for a control unit on the counter top in the treatment room. The consolidation of the entirety of the control circuitry in the footswitch eliminates messy cable tangles and because it services a remote head located adjacent the patient allows the handpiece control cable to be shortened, thus lightening the strain on the technician and permitting easier and more efficient dental scaling to be accomplished.

Figures